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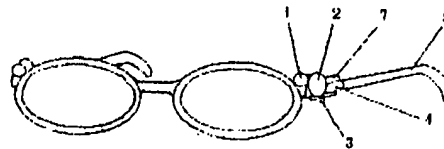
埼玉県鳩ヶ谷市大字里1552

(54) 【発明の名称】 メガネ直付け照明具

(57) 【要約】

【目的】 暗い場所でも、細かい字や数字を正確に読み取るのに、メガネと照明は、どちらも無くしてはならないものである。

【構成】 メガネのつる5の部分に照明装置一式を取りつけたものである。メガネに直接取りつけるため、小型・軽量・高視の必要がある。照明ランプには信頼度の高いLEDランプを使用したものである。対話中は、水平オフスイッチ7が作動して相手の目に照明光が入らないように消灯する。



## PATENT ABSTRACTS OF JAPAN

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(71)Applicant : ISOBE HITOSHI

(22)Date of filing : 29.06.1995

(72)Inventor : ISOBE HITOSHI

## (54) GLASSES MOUNTED LUMINAIRE

## (57)Abstract:

PURPOSE: To accurately read out fine letters and numerals even in a dark place.

CONSTITUTION: A set of lighting systems are mounted on the part of the bow 5 of a glasses. Since they are mounted direct to a glasses, small-size, lightweight and fine view are required. An LED lamp having high reliability is used for an illumination lamp. A horizontal off-switch 7 is actuated during conversation to put out lights so as to prevent illumination light from entering the eye of a companion to talk with.



## LEGAL STATUS

[Date of request for examination]

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[Date of registration]

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CLAIMS

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[Claim(s)]

[Claim 1] The glasses direct attachment lighting implement using the Light Emitting Diode lamp.

[Claim 2] A Light Emitting Diode lamp and the glasses direct attachment lighting implement using the optical fiber.

[Claim 3] A glasses direct attachment lighting implement with the switching circuit to which lighting will go out if glasses become a horizontal position.

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DETAILED DESCRIPTION

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[Detailed Description of the Invention]

[0001] [Field of the Invention] This invention is invention about glasses and lighting which can read a fine character and a fine number correctly in a dark place.

[0002] When checking a fine character and a fine number conventionally [ [conventional technical] ] in a dark place, both glasses and a light are required. However, one side might be missing.

[0003] [the technical problem which invention makes solution \*\*\*\*\*] -- this invention is carried out to direct connection, in order to make it one of the two lack neither glasses nor a light

[0004] while making it the glasses which are a part of [The-means-for-solving-a-technical-problem] faces not spoil a fine sight -- small -- it needed to be lightweight and needed to unify

[0005] [Operation] By use of this invention, it can be begun to illuminate the character and number of the Light Emitting Diode lamp attached to the both sides of glasses fine with light.

[0006] [Example] -- if the example of invention is explained below As shown in drawing 1 from a cell 2, making the Light Emitting Diode lamp 1 turn on turns ON a switch 3 via the IC mechanical component 4. The optical fiber 8 of drawing 3 floodlights the operation which is what is used in the place which became intricate narrowly when lighting is required in the floodlighting section 9 to the place which wants to insert and illuminate the light-receiving section 10 of an optical fiber at the nose of cam of the Light Emitting Diode lamp 1. If glasses will be in a level state, lighting goes out and it is made, as for the installation purpose of the level off-switch 7, for light not to go into a partner's eyes during the dialog of people and a man.

[0007] [Effect of the invention] Since this invention is the structure which linked the light with glasses directly, work of a dark place also has the advantage which can use both hands. In the narrow dark place which light does not reach, it can be begun through the light of a Light Emitting Diode lamp to compare an object with an optical fiber 8.

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TECHNICAL FIELD

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[Field of the Invention] This invention is invention about glasses and lighting which can read a fine character and a fine number correctly in a dark place.

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PRIOR ART

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When checking a fine character and a fine number conventionally [ [conventional technical] ] in a dark place, both glasses and a light are required. However, one side might be missing.

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EFFECT OF THE INVENTION

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[Effect of the invention] Since this invention is the structure which linked the light with glasses directly, work of a dark place also has the advantage which can use both hands. In the narrow dark place which light does not reach, it can be begun through the light of a Light Emitting Diode lamp to compare an object with an optical fiber 8.

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TECHNICAL PROBLEM

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[the technical problem which invention makes solution \*\*\*\*\*] -- this invention is carried out to direct connection, in order to make it one of the two lack neither glasses nor a light

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MEANS

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while making it the glasses which are a part of [The-means-for-solving-a-technical-problem] faces not spoil a fine sight -- small -- it needed to be lightweight and needed to unify

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OPERATION

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[Operation] By use of this invention, it can be begun to illuminate the character and number of the Light Emitting Diode lamp attached to the both sides of glasses fine with light.

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EXAMPLE

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[Example] -- if the example of invention is explained below As shown in drawing 1 from a cell 2, making the Light Emitting Diode lamp 1 turn on turns ON a switch 3 via the IC mechanical component 4. The optical fiber 8 of drawing 3 floodlights the operation which is what is used in the place which became intricate narrowly when lighting is required in the floodlighting section 9 to the place which wants to insert and illuminate the light-receiving section 10 of an optical fiber at the nose of cam of the Light Emitting Diode lamp 1. If glasses will be in a level state, lighting goes out and it is made, as for the installation purpose of the level off-switch 7, for light not to go into a partner's eyes during the dialog of people and a man.

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DESCRIPTION OF DRAWINGS

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[Brief Description of the Drawings]

[Drawing 1] The perspective diagram of this invention and glasses.

[Drawing 2] The expansion perspective diagram of this invention.

[Drawing 3] The sketch of an optical fiber.

[Description of Notations]

1 .. Light Emitting Diode lamp 2 .. Cell

3 .. Switch 4 .. IC mechanical component

5 .. Glasses vine 6 .. Glasses frame

7 .. Level off-switch 8 .. Optical fiber

9 .. Floodlighting section 10 .. Light-receiving section

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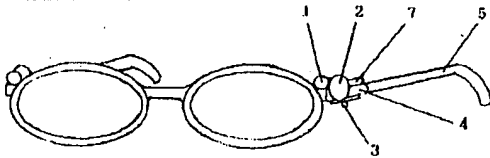
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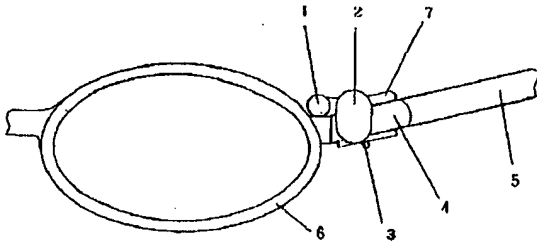
DRAWINGS

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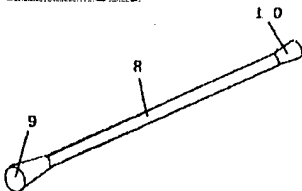
[Drawing 1]



[Drawing 2]



[Drawing 3]



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[Translation done.]